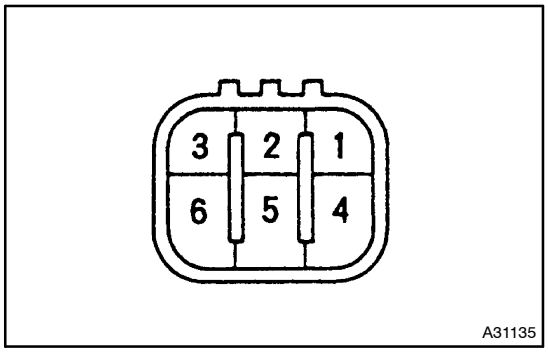
100C7–01

INSPECTION



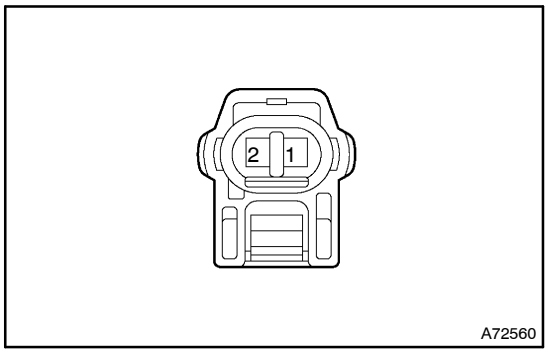
1. VENTURI ASSY

(a) Resistance inspection. (Throttle control motor)

(1) Using an ohmmeter, measure the resistance between each terminals.

Resistance:

Terminals	Temperature	Resistance
2 – 1, 3	at 20°C (68°F)	18 – 22 Ω
5 – 4, 6	at 20°C (68°F)	18 – 22 Ω

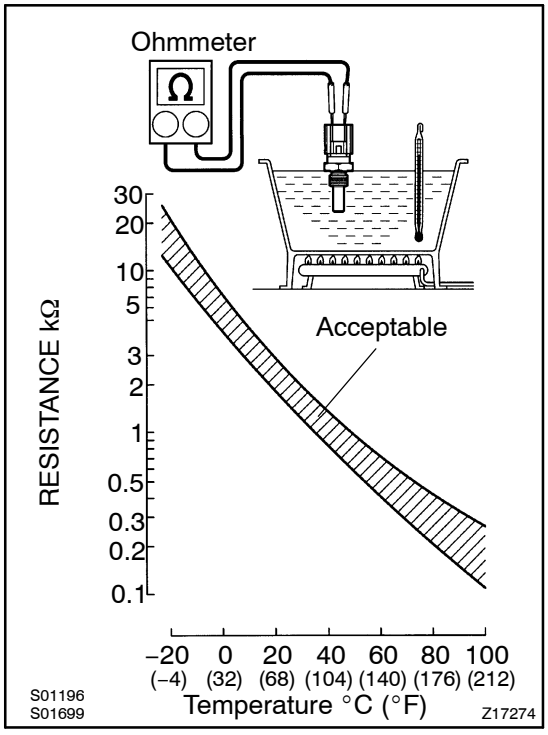


(b) Continuity inspection. (Throttle valve SW)

(1) Using an ohmmeter, check that there is continuity between each terminal.

Specified condition:

Throttle valve	Specified condition
Fully open	Continuity
Fully close	No continuity



2. ENGINE COOLANT TEMPERATURE SENSOR

(a) Resistance inspection.

(1) Using an ohmmeter, measure the resistance between terminals.

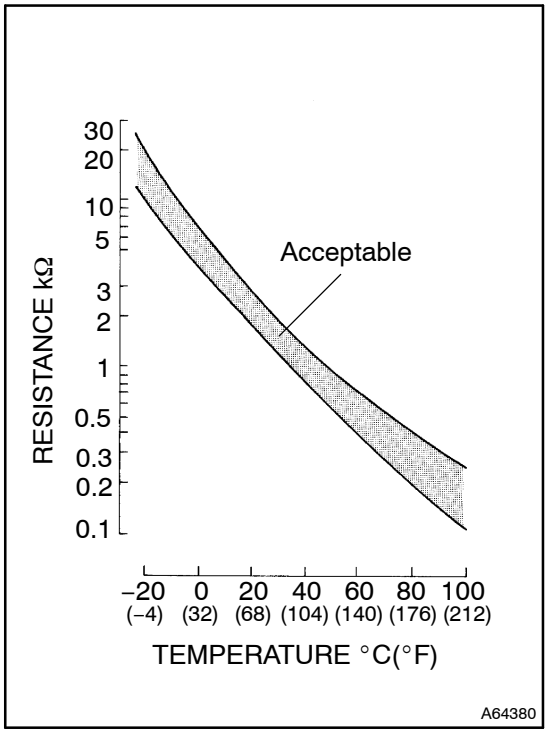
Resistance:

2.32 – 2.59 kΩ at 20°C (68°F)

0.310 – 0.326 kΩ at 80°C (176°F)

NOTICE:

In case of checking the water temperature sensor in the water, be careful not to allow water to go into the terminals, and after checking, wipe out the sensor.



3. INTAKE AIR TEMPERATURE SENSOR

(a) Resistance inspection.

(1) Using an ohmmeter, measure the resistance between terminals.

Resistance: 2.21 – 2.69 kΩ at 20°C (68°F)

4. CRANKSHAFT POSITION SENSOR

(a) Resistance inspection.

(1) Using an ohmmeter, measure the resistance between terminals.

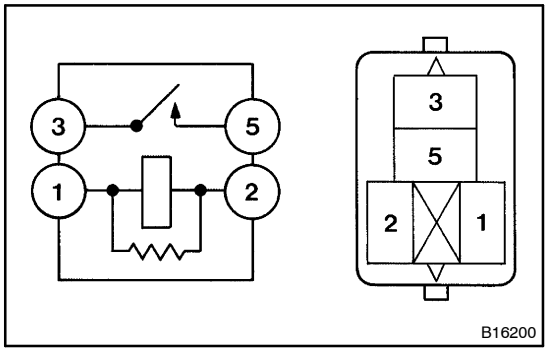
Resistance:

19 – 32 Ω at cold

24 – 37 Ω at hot

NOTICE:

"Cold" and "Hot" in the following sentence express the temperature of the sensor itself. "Cold" is from–10°C (14°F) to 50°C (122°F) and "Hot" is from 50°C (122°F) to 100°C (212°F)



5. DIESEL ECU RELAY

(a) Continuity inspection.

(1) Using an ohmmeter, check that there is continuity between each terminal.

Specified condition:

Between terminal	Specified condition
1 – 2	Continuity
3 – 5	No continuity

(2) Using an ohmmeter, check that there is continuity between terminals 3 and 5 when the battery voltage is applied across terminals 1 and 2.

Specified condition: Continuity